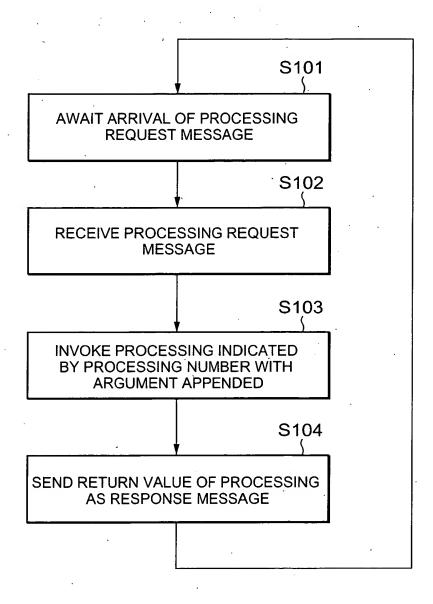


FIG. 3



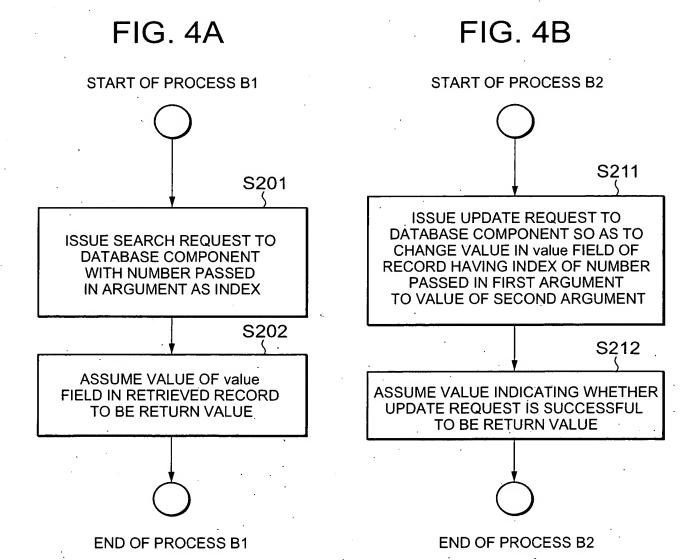
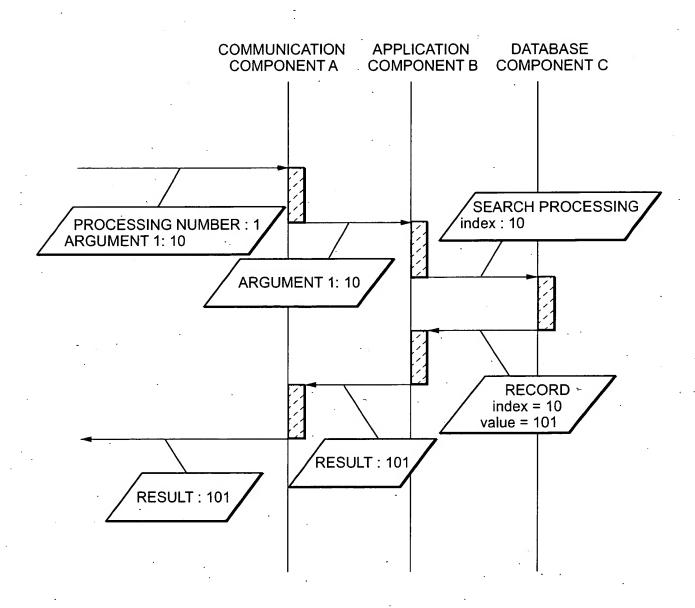


FIG. 5



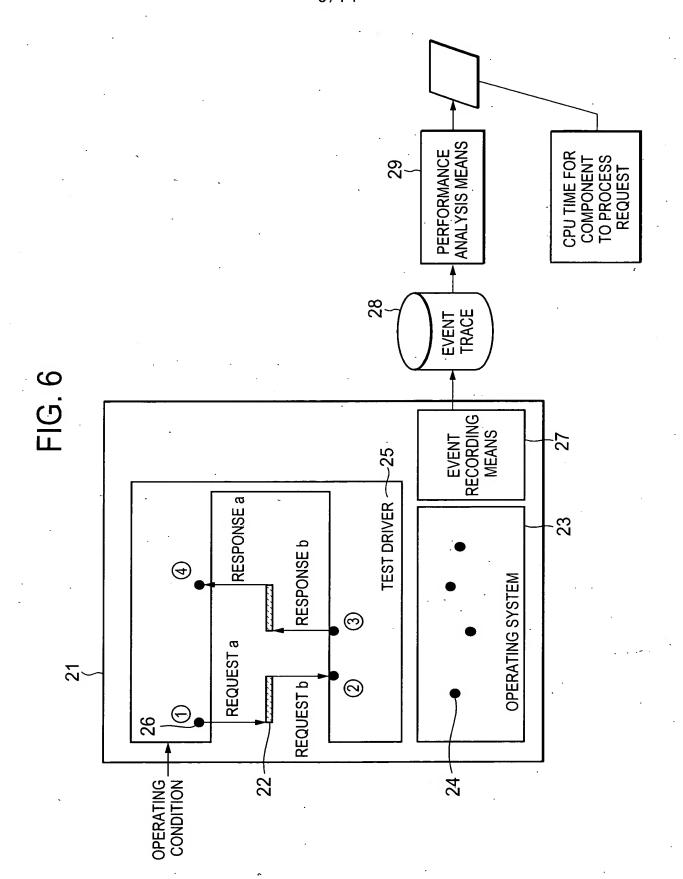


FIG. 7

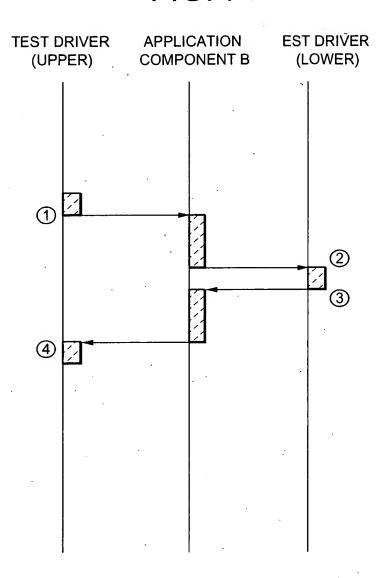


FIG. 8

TIMÈ	EVENT	
50 100 150 160 200 250 260 300 400 410 500 550	PROGRAM STARTS CPU OPERATION EVENT ①DETECTED PROGRAM STOPS CPU OPERATION PROGRAM RESTARTS CPU OPERATION EVENT ②DETECTED PROGRAM STOPS CPU OPERATION PROGRAM RESTARTS CPU OPERATION EVENT ③DETECTED PROGRAM STOPS CPU OPERATION PROGRAM RESTARTS CPU OPERATION PROGRAM RESTARTS CPU OPERATION EVENT ④DETECTED PROGRAM ENDS CPU OPERATION	PERIOD OF TIME DURING WHICH MEASURED COMPONENT IS OPERATING

FIG. 9

COMMUNICATION
COMPONENT A

APPLICATION COMPONENT B

DATABASE	
COMPONENT	С

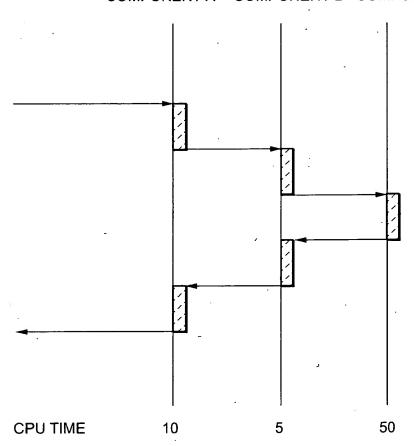
OPERATING CONDITION	CPU TIME
ONE ARGUMENT	10
TWO ARGUMENTS	15

OPERATING CONDITION	CPU TIME
PROCESS B1	5
PROCESS B2	10

OPERATING CONDITION	CPU TIME
SEARCH	50
UPDATE	70

FIG. 10

COMMUNICATION APPLICATION DATABASE COMPONENT A COMPONENT B COMPONENT C



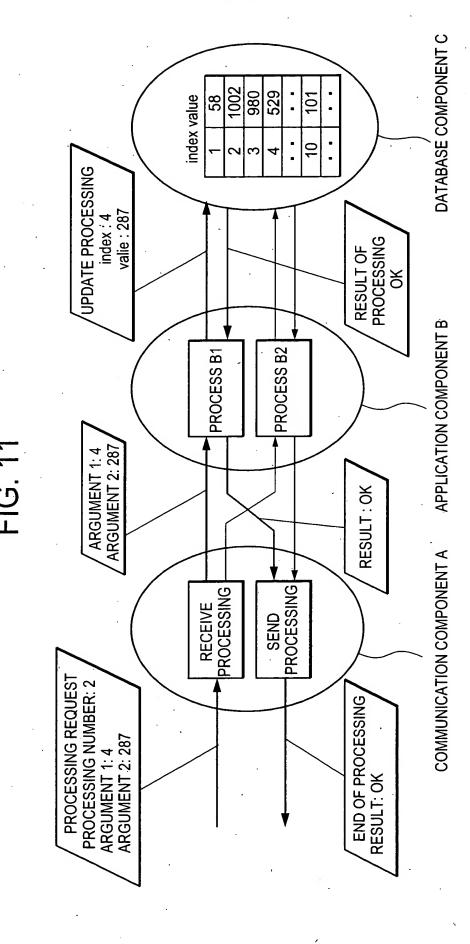


FIG. 12

COMMUNICATION APPLICATION DATABASE COMPONENT A COMPONENT B COMPONENT C

